

REMARKS/ARGUMENTS

This case has been carefully reviewed and analyzed in view of the Office Action dated 28 November 2007 and supplemental to the Amendment filed 28 March 2008 with a Request and fee for a one-month Extension of Time having been paid. After further consideration, Applicants have amended Claim 14 and new Claims 36-46 have been added to further clarify the inventive concept in the subject Patent Application.

While the limitation “processing means for detecting and providing an alert” has been added in newly-amended independent claim 14, it is believed that the claims presented still define over the prior art, as discussed in the Amendment filed 28 March 2007. Specifically, the invention of the subject Patent Application makes use of a system wherein the start time of the sub-segment is responsive to the calculated R-R interval based upon a look-up table having predetermined start times associated with specific corresponding R-R intervals.

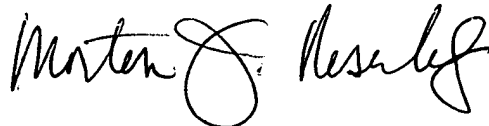
It is respectfully submitted that the Stadler, et al. reference nowhere provides for a system for the detection of cardiac events wherein the system includes a “means for adjusting the start time of the sub-segment responsive to the calculated R-R interval based upon a look-up table having predetermined start times associated with specific R-R intervals ...”, as is necessary to now amended independent Claim 14.

Accordingly, as the Stadler, et al. reference fails to disclose each and every element of the invention of the subject Patent Application, as now claimed, it cannot anticipate that invention. Further, as the reference fails to suggest the combination of elements now claimed, it cannot make obvious that claimed invention either.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

If there are any further charges associated with this filing, the Honorable Commissioner for Patents is hereby authorized to charge Deposit Account #18-2011 for such charges.

Respectfully submitted,
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Dated: 11 April 2008

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